

A cross-sectional diagram of a mechanical assembly. A base plate (2) supports several components. Two angled rods (7, 8) are connected at their top ends by a horizontal member (3). The left rod (7) has a pin joint (6) at its bottom end, which is attached to a vertical support (5) mounted on the base plate (2). The right rod (8) is supported by a bracket (11) on the base plate (2). A horizontal member (10) is positioned above the base plate (2), with a small component (14) located between it and the left rod (7). A curved arrow (4) indicates a downward force or movement on the right side of the assembly. Other labeled parts include 1 (pointing to the overall assembly), 12 (a U-shaped component), 13 (a rectangular block), 15 (a fastener), 16 (a small rectangular piece), 17 (a bracket), and 18 (a small component on the base plate).

FIG. 3

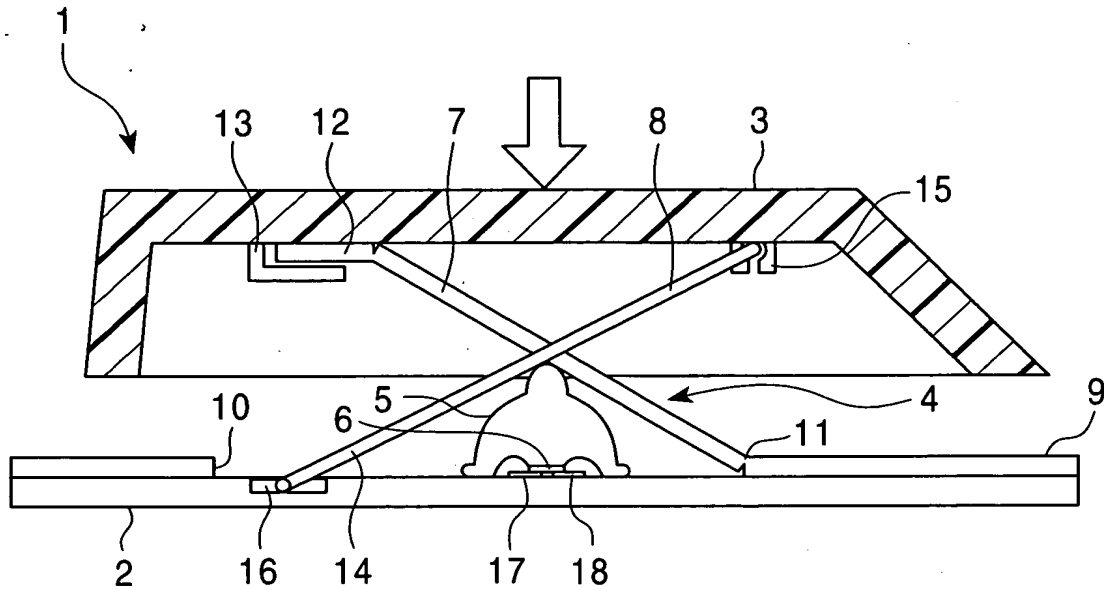


FIG. 4

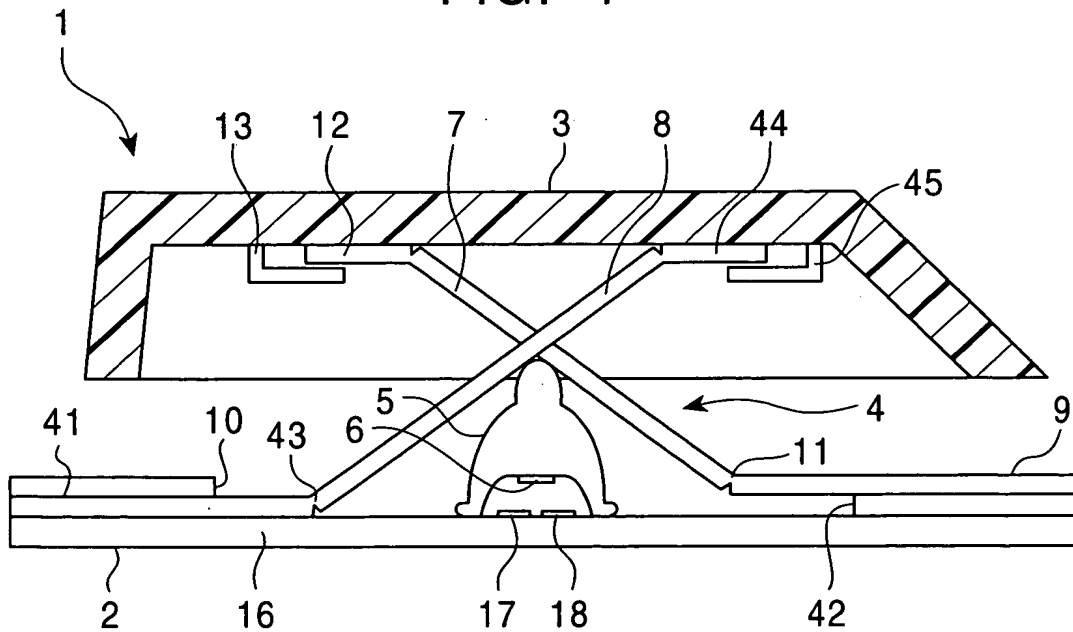
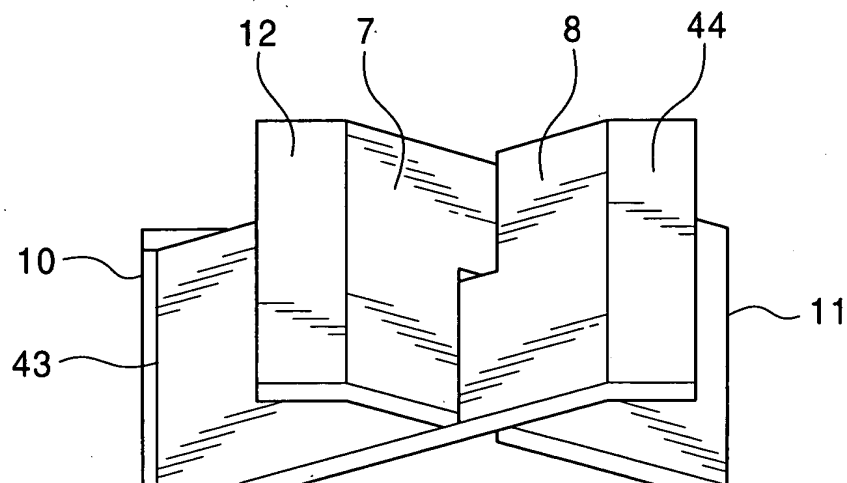


FIG. 5



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FIG. 6A

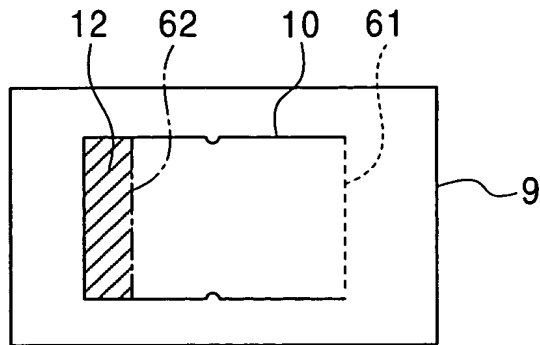


FIG. 6B

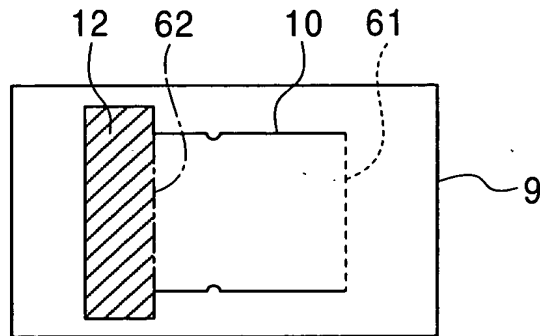


FIG. 6C

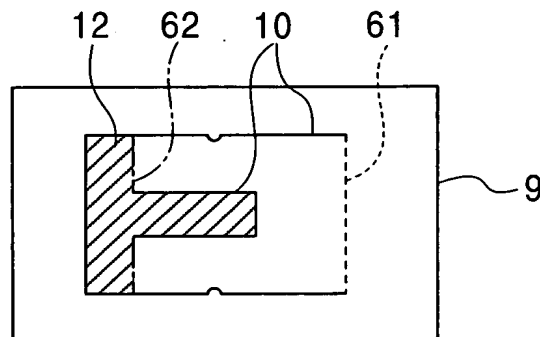


FIG. 6D

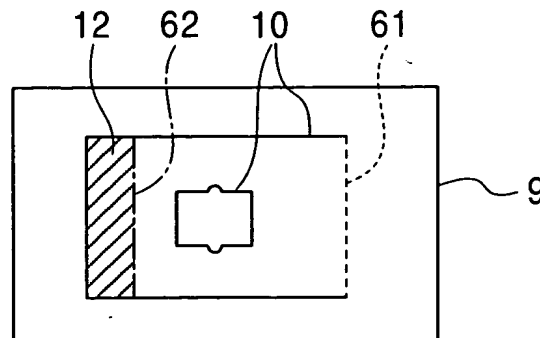


Fig. 1 shows a perspective view of a first embodiment of the device. It features a main housing (1) with a front face (3). Internally, a vertical member (4) supports a horizontal assembly (8). A dashed circle indicates a cross-sectional area showing a hatched substrate (15) supporting a thin layer (5). Various other parts are labeled with reference numerals: 10, 12, 7, 13, and 16.

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FIG. 8A

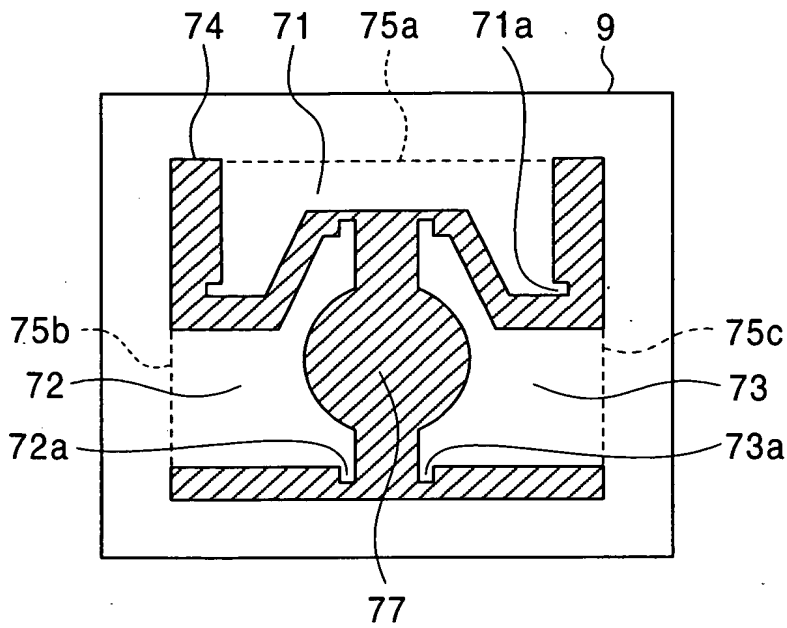


FIG. 8B

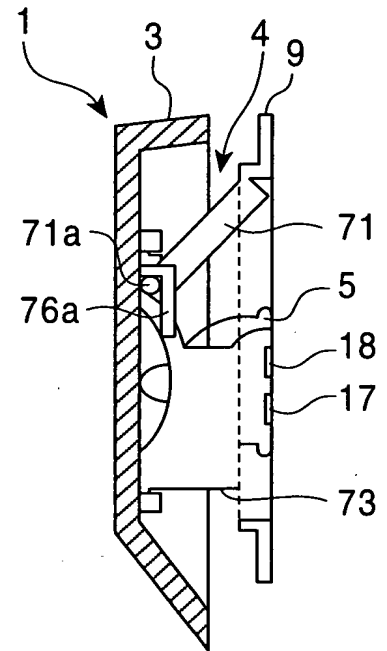


FIG. 8C

